



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

JUL 31 2001

Mr. Paul Dias
Director, Quality Assurance and Regulatory
ZOLL Medical Corporation
32 Second Avenue
Burlington, MA 01803-4420

Re: K011865
Trade Name: ZOLL M Series IBP Option
ZOLL M Series Temperature Option
Regulation Number: 21 CFR 870.1110
Regulatory Class: II (two)
Product Code: 74 DSK
Dated: June 12, 2001
Received: June 14, 2001

Dear Mr. Dias:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

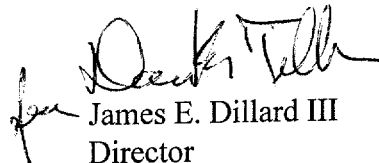
If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish

further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4646. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsma/dsmamain.html>".

Sincerely yours,

A handwritten signature in black ink, appearing to read "James E. Dillard III", is written over a horizontal line.

James E. Dillard III
Director
Division of Cardiovascular
and Respiratory Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

SECTION 6 – INDICATIONS FOR USE

510(k) Number (if known): K011865

Device Name: ZOLL M Series IBP and Temperature Option

Indications for Use:

IBP

The ZOLL M Series IBP option is indicated for measuring arterial, venous, and intracranial pressures using invasive transducers with 5uV/V/mmHg sensitivity for resting patients in critical care and transport. The M Series IBP option is intended for use with adult and pediatric patients only.

Contraindications:

The ZOLL M Series IBP option is not indicated for use on neonatal patients.

TEMPERATURE


The ZOLL M Series Temperature option is indicated for measuring temperature of adult and pediatric patients using YSI 400 compatible temperature sensors.

Contraindications:

The ZOLL M Series Temperature option is not indicated for use on neonatal patients.

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED.)

Concurrence of CDRH, Office of Device Evaluation (ODE)


Division of Cardiovascular & Respiratory Devices
510(k) Number K011865

Prescription Use ✓
(Per 21 CFR 801.109)

or

Over-The-Counter-Use _____
(Optional Format 1-2-96)